

## Fitting Instructions - Toyota Celica W50 5 Speed to Chrysler Valiant Slant 6 Cylinder 170–225 Manual Bellhousing

1. Remove original Chrysler transmission, tail-shaft, rear cross-member, bell housing, clutch and pressure plates.
2. Remove the original Slant spigot bush from the crank and replace with your new DELLOW spigot bush.
3. Fit the pivot ball, clutch fork, thrust race and carrier and install into the new DELLOW bellhousing.
4. The clutch plate supplied in our kit is 9 ½ ", which requires the use of a 9 ½ " Hemi 6 pressure plate. The Slant pressure plate will not fit this combination as it's too high and is an odd design.
5. Bolt the Toyota transmission up to the DELLOW bell housing. Always ensure bolts are tightened diagonally.
6. For models with mechanical clutch-Fit the original steel pivot bracket onto the new DELLOW bellhousing.
7. For models with hydraulic clutch- Fit the slave cylinder onto the pad, which is cast onto the side of the bell housing. You will require a different clutch fork to suit hydraulic.
8. It will be necessary to measure the length of the gearbox/bell housing combination so that the floor of the vehicle can be marked out ready for a hole to be cut for the gearshift stick. Once this position has been determined, make the necessary hole.
9. Use a jack to lift the transmission and bell housing into place. Make certain that all bolts are tight, remembering that they should always be tightened diagonally so that everything bolts up evenly. The starter motor can now be fitted into place.
10. With the gearbox and bell housing in place it will be necessary to modify your rear cross member to fit the original Toyota rubber mount. It should not be too difficult to fabricate the parts.
11. Your tail-shaft will need to be modified to accept our front yoke. Take measurements between centres of front and rear universal joints. Make sure you have your tail-shaft balanced.
12. Fill gearbox with manual transmission oil (2.5 Litres). We recommend Penrite.
13. Adjust clutch and connect up reversing light wires to switch located on the side of your gearbox.